

**Title:** Hazard Assessment and Vulnerability Reduction Plan for Jeremie, Haiti

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**Hazards examined:** Multi Peril

**Study emphasis:** Economic development, disaster preparation and mitigation opportunities.

**Summary:** Offers a rank of the impact of prevalent hazards on study area with respect to different aspects of the population, particularly life, livelihood and property and health measures. Offers as well, a detailed list of (50) interventions that can be undertaken locally to reduce vulnerability to hazards.

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**Vulnerability Indicators:** Life, health, property, livelihood

**Economic Development, Disaster Preparedness, Disaster Response and/or Disaster Reconstruction Application:** Economic Development, Disaster Preparedness

**Data Requirements:** Hazard maps, population survey (sample) results

**Output:**

- 1) A ranking of the importance (impact) of the prevalent hazards, as identified through the population survey.
- 2) A quantification of the impacts of hazards on the population, by life, livelihood, property and health measures.
- 3) A list of interventions to reduce hazard vulnerability.

**Results of Application at Case Study Site:**

The project identified 50 interventions that can be undertaken locally to reduce vulnerability to hazards, as outlined in the population survey. Some of these interventions are being reviewed by the local disaster committee and others have been selected by other donors for support.

**Lessons Learned:**

Involvement of local participants in carrying out the survey of residents was critical to the success of this project. These participants assisted with focusing the questions on the survey form to the local conditions, delineating appropriate neighborhood boundaries and interpreting survey responses. Most significantly, however was that through their involvement in this project, the local surveyors gained significant knowledge about community survey techniques and about hazard mitigation interventions.